

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1098 Const Calendar Day: 671 Date: 06-Apr-2014 Sunday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition clear

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

There is no work in the field on this operation today by ABF. The Townsend Test (Test IV) for TR's 12 and 13 is ongoing with both TR's at 0.40 Fu after the tensioning step yesterday.

VGO (Rob Rutledge) is working offsite today to produce morning and evening data reports.

I check in the afternoon at the test rigs for broken rods or water leaks. There are no broken rods today. There are no water leak issues today. I also check the pH of the NaCl Solution in the large reservoir tanks for the two test rigs.

The NaCl solution levels were topped off Saturday 4/5/2014. The NaCl solution levels today (Sunday 4/6/2014) have not changed from yesterday (Saturday 4/5/2014), meaning there is no leakage.

The pH of the NaCl Solution from the large reservoir tanks for the two test rigs are checked approximately 1430, as detailed below:

TR 12 pH check:

0-14 pH paper = 5

4.0-7.0 pH paper = 5.3

6.5-10.0 pH paper = <6.5 (out of range)

TR 13 pH Check:

0-14 pH paper = 5

4.0-7.0 pH paper = 5.3

6.5-10.0 pH paper = <6.5 (out of range)

Sample jars of NaCl Solution from the TR 12 tank and the TR 13 tank are filled today and will be provided to the DJV on a later date.

The above checks of the NaCl Solution are from material in the two large tanks that are designated for TR's 12 & 13. While there are two tanks, one for each test rig, when the test started on Thursday 4/3/2014, there was only NaCl Solution in one of those tanks. As a result, the wet chambers of both TR's 12 & 13 were initially filled for the leak test from the TR 13 tank only. Then, in later refill operations, both on Thursday 4/3/2014 and on Saturday 4/5/2014, the assigned tanks were used at the two test rigs. As a result, the NaCl Solution in the TR 12 wet chamber is 90% from the TR 13 tank. Note that the NaCl



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Sunday

Solution reservoir is different than the NaCl Solution in the wet chambers after some duration of the test.

INSPECTOR OT REMARK:

Field and Office 4 hours: I am at work between 1330 and 1730. The OT work is Sunday checking the CCO 314 Test Rigs for broken rods and water leaks, checking the pH of the NaCl Solution, pulling a sample of NaCl Solution, and also addressing various DJV and CT-METS issues with CCO 314.